REMARKS

Claims 1–25 are now pending in the application. Claims 1, 2, 7, and 14 have been amended. Applicants respectfully traverse and request reconsideration.

Rejections Under 35 U.S.C. § 112

Claims 2 and 7 stand rejected under 35. U.S.C. § 112 as allegedly being indefinite for failing to particularly point out and distinctly claim the subject matter of the invention. Applicants have amended claims 2 and 7 to more clearly point out the claimed the subject matter. Therefore, reconsideration withdrawal of the rejection of claims 2 and 7 are respectfully requested.

Rejections Under 35 U.S.C. § 101

Claims 1, 2, and 5 stand rejected under 35. U.S.C. § 101 because the claimed invention is allegedly directed to nonstatutory subject matter.

The Examiner contends that claim 1 is directed to non-statutory subject matter because the claim does not allegedly transform an article to a different state or thing and is not allegedly tied to the particular machine or apparatus. Applicants respectfully disagree and submit that claim 1 is tied to a particular machine, namely, a real time event command buffer. In addition, claim 1 is further tied to a command processing system. Therefore, reconsideration and withdrawal of the rejection of claim 1 are respectfully requested.

Claims 2 and 5 each ultimately depend on claim 1 and are allowable for at least similar reasons. Therefore, reconsideration and withdrawal of the rejection of claims 2 and 5 are respectfully requested.

Rejections Under 35 U.S.C. § 102(b)

Claims 1–25 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Case (U.S. Pat. No. 5,315,696).

With regard to claim 1, Case fails to show, teach, or suggest, inter alia, detecting a real time event; and causing commands in a real time event command buffer to be fetched and consumed in response to the real time event.

As best understood by Applicants, Case is directed to a computer graphics system that provides direct access to main memory by the graphics system. The graphics system includes an address generator that processes virtual and physical memory addresses so that a requesting application/program or host processor is not required to translate virtual memory addresses. A common command set is employed to process both virtual and physical memory addresses. The address generator formulates the addresses as a function of distance from an origin of a desired destination area in destination memory to a requested position in the desired destination area.

Applicants can find no mention of detecting a real time event; and causing commands in a real time event command buffer to be fetched and consumed in response to the real time event in the cited portions of Case. Furthermore, Applicants cannot find any mention of the term "real time" or even the word "real" recited anywhere in Case. Therefore, reconsideration and withdrawal of the rejection of claim 1 are respectfully requested. If the Examiner is to maintain this rejection, Applicants respectfully request a more specific showing as to where the claim limitations are disclosed in Case.

Claims 6 and 10 are allowable for at least similar reasons as claim 1. Therefore, reconsideration and withdrawal of the rejection of claims 6 and 10 are respectfully requested.

Claims 2–5, 7–9, and 11–12 each ultimately depend on claims 1, 6, and 10, respectively, and are allowable for at least similar reasons. Claims 2–5, 7–9, and 11–12 are also believed to be allowable for having novel and nonobvious subject matter. Therefore, reconsideration and withdrawal of the rejection of claims 2–5, 7–9, and 11–12 are respectfully requested.

With regard to claim 13, Case fails to show, teach, or suggest, inter alia, a real time event engine that monitors a plurality of event signals for a real time event. As noted above, Applicants cannot find any mention of the term "real time" anywhere in the cited portions of Case. As such, Applicants cannot find a real time event engine that monitors a plurality of event signals for a real time event the cited portions of Case. Therefore, reconsideration and withdrawal of the rejection of claim 13 are respectfully requested. If the Examiner is to maintain this rejection, Applicants respectfully request a more specific showing as to where the claim limitations are disclosed in Case.

In addition, with regard to claim 14, Applicants can find no mention of a real time event detector comprising: an event table containing event selector; a comparator operative to receive the event selector; and a plurality of engines that provides a plurality of event signals to the comparator, wherein the comparator produces an event detection signal when at least one of the event signals matches the event selector. Therefore, reconsideration and withdrawal of the rejection of claim 14 are respectfully requested. Applicants kindly remind the Examiner that "[a] claim is anticipated only if each and every element as set forth in the claim is found … in a single prior art reference." *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631. As such, if this rejection is maintained, Applicants respectfully request a more specific showing as to where each and every element as set forth in the claim is found Case.

Claims 20 and 23 are allowable for at least similar reasons as claim 13. Therefore, reconsideration and withdrawal of the rejection of claims 20 and 23 are respectfully requested.

Claims 15–19, 21–22, and 24–25 each ultimately depend on claims 13, 20, and 23, respectively, and are allowable for at least similar reasons. Claims 15–19, 21–22, and 24–25 are also believed to be allowable for having novel and nonobvious subject matter. Therefore,
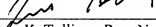
reconsideration and withdrawal of the rejection of claims 15–19, 21–22, and 24–25 are respectfully requested.

<div align="center">**CONCLUSION**</div>

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (312) 609-7788.

Respectfully submitted,

Date: _____November 7, 2008_____ By: _____

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